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Publications of the  
Teaching Staff



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### **Prefatory Note**

The bulletin, "Publications of the Teaching Staff," was authorized by the Publication Board in 1907, as a biennial bulletin. Four issues have appeared at the specified intervals. This, the fifth issue, however, covers the period from July 1, 1913, to January 1, 1918, except in the instances of those members of the Staff who have become associated with the University since the former date. A complete list of the more important contributions of these persons from the dates indicated is given.

The department of the University with which each person is associated is given, as an index to the field in which the greater part of his contributions is found.

In the body of the bulletin, the names of the persons are arranged in alphabetical order. The departmental index is added in order that the members from a given department may be found more readily.

**EXECUTIVE COMMITTEE  
OF THE GRADUATE SCHOOL**

## Publications of the Teaching Staff

From July, 1913, to January, 1918 (except as noted)

**Anderson, Lewis F.**, (Department of History and Philosophy of Education)

(Contributions since 1900)

The Anglo-Saxon Scop. *University of Toronto Studies. Philological Series No. 1.* Toronto, 1903.

A Study of the Prototypes of the Modern Non-professional School among the Greeks and the Romans. *Pedagogical Seminary*, March, 1907, pp. 1-38.

A Study of Medieval Schools and Schoolwork. *Pedagogical Seminary*, June, 1907, pp. 223-282.

An Outline Sketch of the History of Common School Education. Henry Holt & Co., New York, 1909.

Some Facts regarding Vocational Training among the Ancient Greeks and Romans. *School Review*, March, 1912, pp. 191-201.

Industrial Education during the Middle Ages. *Education*, I, February, 1912, pp. 354-359; II, March, 1912, pp. 423-429.

The Manual Labor School Movement. *Educational Review*, November, 1913, pp. 369-386.

Review: A History of Education by Thomas Davidson. *Journal of Pedagogy*, October, 1900, pp. 154-155.

Reviews: History of Education, P. J. McCormick; The Evolution of the Educational Ideal, M. E. Emerson; Syllabi in Education, G. L. Jackson. *Educational Administration*, October, 1915.

**Andrews, Clarence E.**, (Department of English)

Shakespeare's Macbeth; edited with introduction, notes, and glossary. Philadelphia, Altemus & Co.

Sources of W. B. Yeats. *Modern Language Notes*, XXVIII, No. 3.

Authorship of The Lancashire Witches. *Modern Language Notes*, June, 1913.

Richard Brome: A Study of his Life and Works. New York, Henry Holt, 1913.

Review: "Thomas Love Peacock," by A. M. Freeman. *Yale Review*, January, 1913.

Review: "Bulletin of the Keats-Shelley Memorial," *Amherst Graduates' Quarterly*, January, 1914.



Arps, George F., (Department of Psychology)

A Note on a Case of Double Inversion. *Annals of Ophthalmology*, XXIII, 1914, p. 482.

Two Interesting Cases of Illusion of Perception. *Journal of Abnormal Psychology*, X, 1915, p. 209.

Attitude as a Determinant in Spelling Efficiency in Immediate and Delayed Recall. *Journal of Educational Psychology*, XI, 1915, p. 409.

A Marked Case of Double Inversion. *American Journal of Psychology*, XXVII, pp. 203-216. (Read before the Ohio College Association.)

Attitude as a Determinant in Spelling Efficiency in Immediate and Delayed Recall. *Journal of Educational Psychology*, VI, pp. 409-418.

Two Interesting Cases of Illusion of Perception. *Journal of Abnormal Psychology*, X, pp. 209-213.

An Experimental Study of Economical Learning. *American Journal of Psychology*, XXVII, pp. 507-529.

On Color Induction with Reference to Color Recognition. *Journal of Experimental Psychology*, I, pp. 426-454.

A Preliminary Report on "Work with Knowledge *versus* Work without Knowledge of Results." *Psychological Review*, XXIV, pp. 449-456. (Read before the American Psychological Association.)

Visual Discrimination of Rectangular Areas Illuminated by Varying Degrees of Achromatic Light. *Journal of Experimental Psychology*, II, pp. 41-63. (Read before the American Psychological Association.)

A Neglected Factor in the Question of National Security. *Scientific Monthly*, LXXXIX, pp. 498-502.

Psychological Sources of Error in the Examination of Visual Acuity. *Optical Journal and Review*, XL, pp. 379-383. (Read before the Annual Convention of the American Optical Association.)

Important Factors in the Question of Responsible Behavior. *Scientific Monthly*, LXXXIX, pp. 239-253. (Read at the Ohio State University as one of the lecture series.)

Atavistic Character of the Behavior of U-Boat Crews. *National Service*, II, pp. 256-263.

National Supremacy, Industrial Education and Cooperation. (Read before the Central Ohio Schoolmasters' Club.)

On the Assumption of the Hering Color Theory. Read before the American Psychological Association.

**Avey, Albert E., (Department of Philosophy)**

An Analysis of the Process of Conceptual Cognition. Doctor's dissertation presented at Yale University in 1915. 71 pp. Reuter and Kieneman, Cincinnati, 1916.

**Barnett, Samuel J., (Department of Physics)**

On Electromagnetic Induction. *Physical Review*, II, p. 232, 1913.

Some Experiments on the Magnetic Field of Two Electromagnets. *Philosophical Magazine*, XXVI, p. 987, 1913, and *London Electrician*, LXXIV, p. 21, 1914.

Thermions and the Origin of Solar and Terrestrial Magnetism. *Nature*, LXXXIII, pp. 109 and 415, 1914.

Eine Entgegnung auf die Arbeit des Herrn Fehrle; "Über unipolare Induktion." *Annalen der Physik*, XLV, p. 1253, 1914.

The Theory of Magnetization by Rotation. *Science*, October, 1915.

Magnetization by Rotation. *Physical Review*, VI, p. 239, 1915. (Includes the two preceding papers.)

On Ewell's Method of Measuring Single Potential Differences. *Physical Review*, VII, p. 321, 1916.

The Magnetization of Iron, Nickel, and Cobalt by Rotation and the Nature of the Magnetic Molecule. *Proceedings of the National Academy of Sciences*, III, p. 178, 1917.

The Magnetization of Iron, Nickel, and Cobalt by Rotation and the Nature of the Magnetic Molecule. *Physical Review*, X, p. 7, 1917. (Includes the preceding paper.)

**Barrows, Sarah T., (Department of German)**

Anastasius Grün, Salonstück. In German Classics, VII. German Publishing Co., New York, 1913.

Gerhardt Hauptmann. Und Pippa Tanzt. B. W. Hübsch, New York, 1914.

An Experiment in Intonation Curves. (Paper delivered before the Modern Language Association at Madison, Wis., December 28, 1917.)

**Barrows, William M. (Department of Zoology)**

Color in Cocker Spaniels. *Journal of Heredity*, VI, No. 9, pp. 287-297, by W. M. Barrows and J. McI. Phillips.

The Scientific Breeding of Dogs: Color Breeding in Dogs as Worked Out in Cocker Spaniels. *Field and Fancy*, XXXVII, Nos. 4, 5, 6, by W. M. Barrows and J. McI. Phillips.



**Bear, Firman E.**, (Department of Agricultural Chemistry and Soils)

Experiments with Fertilizers. *Bulletin 155*, West Virginia Experiment Station, October, 1915.

Effect of Quick Lime on Organic Matter in Soils. *Journal of American Society of Agronomy*, II, 1916.

A Correlation between Bacterial Activity and Lime Requirements of Soils. *Soil Science*, IV, No. 6, December, 1917.

Co-author with Mr. R. M. Salter of the following publications:

Methods of Soil Analysis. *Bulletin 159*, West Virginia Experiment Station, August, 1916.

Residual Effect of Fertilizers. *Bulletin 160*, West Virginia Experiment Station, August, 1916.

Analysis of One Hundred West Virginia Soils. *Bulletin 161*, West Virginia Experiment Station, August, 1916.

**Blake, Frederic C.**, (Department of Physics)

On the Vibrations of a Lecher System Using a Lecher Oscillator. With Charles Sheard. *Physical Review*, III, pp. 217-231, 1914.

**Bolling, George Melville**, (Department of Greek Language and Literature)

(Contributions since 1897)

Latin—Astro. *American Journal of Philology*, XVIII, 70-3. The Participle in Hesiod. Johns Hopkins doctor dissertation. Washington, 1897.

The Epic and Attic Use of the Circumstantial Participle. *Johns Hopkins University Circulars*, XVII, 33-4.

The Scientific Study of Language. *Catholic University Bulletin*, V, 299 ff.

Note on de Saussure's de l'emploi du genitif absolu en Sanscrit. *American Journal of Philology*, XX, 112.

The Participle in Apollonius Rhodius, in *Studies in Honor of Basil L. Gildersleeve*, pp. 449-70. Baltimore, 1902.

The Etymology of ΣΘΕΝΟΣ. *American Journal of Philology*, XXI, 315-6.

An Epic Fragment from Oxyrhynchus. *American Journal of Philology*, XXII, 63-9.

KAITOI with the Participle. *American Journal of Philology*, XXIII, 319-21.

Beginning of the Greek Day. *American Journal of Philology*, XXIII, 428-35.



- The Relation of the Vedic Forms of the Dual. *Journal American Oriental Society*, XXIII, 318-24.
- The Çantikarpa of the Atharva-Veda. *Transactions of the American Philological Association*, XXXV (1904), 77-127.
- Articles on Sanskrit and Vedic in the *Encyclopaedia Americana*.
- Articles on Alexandrian Library and Avatar in the *Catholic Encyclopaedia*.
- Articles on (Vedic) Amulets, Diseases and Disease Gods, and Divination in Hasting's *Dictionary of Religion and Ethics*.
- The Home of the Indo-Europeans. *Catholic University Bulletin*, XIII, 211-31.
- A Visit to the Roman Forum. *Catholic University Bulletin*, XV, 211-32.
- The Etymology of ΟΑΤΣΣΕΤΣ. *American Journal of Philology*, XXVII, 65-7.
- Contributions to the study of Homeric metre:
- I. Metrical Lengthening and the Bucolic Diaeresis. *American Journal of Philology*, XXVIII, 401-10.
  - II. Length by Position. *American Journal of Philology*, XXXIII, 401-25, and XXXIV, 152-71.
- Homeric Armor and Mr. Lang. *Catholic University Bulletin*, XVI (1910), 669-708.
- Mr. Lang's Reply. *Catholic University Bulletin*, XVII (1911), 762-70.
- (With these cf.: Andrew Lang's, Dr. Bolling and Homeric Armor, *ibid.*, XVII (1911), 629-36, and Dr. Bolling's Reply, *ibid.*, XVIII (1912), 535-7.)
- The Parisistas of the Atharvaveda, edited by George Melville Bolling and Julius von Negelein. I. Text and Critical Apparatus. Leipzig, Otto Harrassowitz, 1909-10. 8 vo. Pp. XXIV+650.
- Contributions to the History of Religion in India. *Catholic University Bulletin*, XVI (1910), pp. 113-26.
- The Greek View of the Relation between Morality and Art. *Catholic University Bulletin*, April, 1913.
- The Çantikarpa of the Atharvaveda. *Journal of American Oriental Society*, XXXIII (1913), 265-78.
- The Archetype of Our Iliad and the Papyri. *American Journal of Philology*, XXXV (1914), 125-48.
- The Latest Expansions of the Iliad. *American Journal of Philology*, XXXVII (1916), 1-30.
- The Latest Expansions of the Odyssey. *American Journal of Philology*, XXXVII (1916), 452-8.

The Teaching of the "Tenses" in Greek. *Classical Journal*, XIII (1917), 104-10. (Read at the thirteenth annual meeting of the Classical Association of the Middle West and South.)

Various book reviews in the *American Historical Review*, *American Journal of Theology*, *Catholic University Bulletin*, *Classical Weekly*, *Classical Philology*, and *American Journal of Philology*.

**Boudreau, Frank G., (Department of Public Health)**  
(Contributions since 1912)

Acute Poliomyelitis and Cerebrospinal Meningitis: Problems for the Rural Health Officer. 17 pages, *Monthly Bulletin of Ohio State Board of Health*, December, 1912.

What the Teacher Should Know About Communicable Diseases. 11 pages. *Monthly Bulletin of Ohio State Board of Health*, July, 1913.

Acute Poliomyelitis, with Special Reference to the Disease in Ohio, by Frank G. Boudreau, C. K. Brain and E. F. McCampbell. 92 pages, *Monthly Bulletin of Ohio State Board of Health*, March, 1914.

The Duration of Quarantine in Transmissible Diseases. 12 pages, *Monthly Bulletin of Ohio State Board of Health*, May, 1914.

The New Plan of Collecting Vital Statistics in Ohio: How the Physician Can Aid in the Health Campaign. 2 pages, *Ohio State Medical Journal*, Columbus, May, 1915.

An Outbreak of Typhoid Fever, Due to Contamination of the Water Supply through a Private Connection, by W. H. Dittoe and Frank G. Boudreau. 11 pages, *Monthly Bulletin of Ohio State Board of Health*, July, 1914.

Market Milk: An Important Factor in the Spread of Communicable Diseases. 18 pages, *Monthly Bulletin of Ohio State Board of Health*, August, 1914.

The Differential Diagnosis of Epidemic Cerebrospinal Meningitis. 18 pages, *Monthly Bulletin of Ohio State Board of Health*, November, 1914.

The Problem of Infant Mortality in Cities. 15 pages, by Frank G. Boudreau and Sara Kerr. May, 1915. *The Ohio Public Health Journal*, Columbus, V, No. 5.

**Bowen, Benjamin L., (Department of Romance Languages)**

Review: *Nouveau Cours Français*, by André C. Fontaine. *Modern Language Notes*, November, 1915.

**Bownocker, John A., (Department of Geology)**

Columbus Folio, No. 197. U. S. Geological Survey, 1915.  
(With G. D. Hubbard and C. R. Stauffer.)



Natural Gas in Ohio. *Journal of the Cleveland Engineering Society*, March, 1916, pp. 313-332.

The Coal Fields of Ohio. *U. S. Geological Survey*, Professional Paper 100-B, 1917.

Petroleum in Ohio and Indiana. *Bulletin of the Geological Society of America*, September, 1917, pp. 667-676.

**Boyd, James E., (Department of Mechanics)**

The Elasticity and Strength of Stoneware and Porcelain. Presented at the annual meeting of the American Society of Mechanical Engineers, December, 1915. Published in the *Transactions* of 1915, pp. 795-813.

The Meaning of Integration in Calculus. Presented at the meeting of the Society for the Promotion of Engineering Education, June, 1916. Published in the *Proceedings*, XXIV, pp. 319-327.

Sphere Cut by Any Two Planes: Volume of Slice. *Engineering News*, June 29, 1916, p. 1228.

Strength of Materials. Revised and enlarged. 380 pages. The McGraw-Hill Co., New York, 1917.

Mechanics of Fluids. 44 pages. Published by the author, 1917.

**Bridges, James W., (Department of Psychology)**

Experimental Study of Decision Types and Their Mental Correlates. *Psychological Monograph*, No. 72, 1914.

The Point Scale: A New Method of Measuring Mental Capacity. With R. M. Yerkes. *Boston Medical and Surgical Journal*, CLXXI, No. 23, pp. 857-866. December, 1914.

A Point Scale for Measuring Mental Ability. With R. M. Yerkes and Rose S. Hardwick. 213 pages. Warwick & York, 1915.

**Brooks, Clyde (Department of Physiology)**

(Contributions since 1906)

On Conduction and Contraction of Skeletal Muscle in Water-rigor. *American Journal of Physiology*, 1906, XVII, p. 218.

The Mechanism of Experimental Glycosuria. With H. McGuigan. *American Journal of Physiology*, 1907, XVIII, p. 256.

Experimental Glycosuria. *Washington University Bulletin*, V, p. 146.

The Effect of Lesions of the Dorsal Nerve Roots on the Reflex Excitability of the Spinal Cord. *Science*, N. S., 1908, XXVIII, p. 571.

- Methods for Securing Wholly Normal Manometric Blood Pressure Tracings from the Quiescent Animal. *Heart*, 1910, II, p. 5.
- The Action of Alcohol on the Intact Unanesthetized Animal. *Journal of the American Medical Association*, 1910, LV, p. 372.
- On the Action of Magnesium Sulphate. With S. A. Matthews. *Journal of Pharmacology and Therapeutics*, 1910, II, p. 87.
- The Effect of Lesions of the Dorsal Nerve Roots on the Reflex Excitability of the Spinal Cord. *American Journal of Physiology*, 1910, XXVII, p. 212.
- A Note on the Absence of Adrenaline in the Malignant Renal Hypernephromas. *Journal of Experimental Medicine*, XIV, p. 550.
- Blood Pressure in the Normal Unanesthetized Animal Under Various Conditions. *American Journal of Physiology*, XXIX, p. 22. *Proceedings of the American Physiological Society*, Baltimore, December, 1911.
- Persistent Patency of the Ductus Arterious or Duct of Botol in the Dog. *Archives of Internal Medicine*, 1912, IX, p. 44.
- A Clinical and Experimental Study of the Value of Camphor as a Heart Stimulant. With Heard. *American Journal of the Medical Sciences*, 1913, CXLV, p. 238.
- The Action of Sodium Citrate on the Heart. *Journal of Pharmacology and Therapeutics*, 1913.
- The Blood Pressure During Vomiting. With A. B. Luckhardt. *American Journal of Physiology*, 1915, XXXVI, p. 104.
- The Chief Physical Mechanism Concerned in Clinical Methods of Measuring Blood Pressure. With A. B. Luckhardt. *American Journal of Physiology*, 1915, XL, p. 49.
- An Application of Boyle's Law and Avogadro's Law to the Oscillations of the Manometer in Clinical Measurements of Blood Pressure. With A. M. Bleile. *American Journal of Physiology*, 1917, XLII, p. 603. *Proceedings of the American Physiological Society*, New York, December, 1916.
- A Study of Repeated Doses of Phenolsulphonephthalein. With T. S. Arbuthnot and R. R. Snowden. *Proceedings of the American Society for Pharmacology and Experimental Therapeutics*, New York City, December, 1916. *Journal of Pharmacology and Therapeutics*, 1917, IX, p. 349.



The Action of Epinephrin on Vasomotors and Heart Beats Studied Separately by the Artificial Control of Blood Pressure by means of the Compensator. With C. McPeck and R. J. Seymour. *Proceedings of the American Society for Pharmacology and Experimental Therapeutics*, Minneapolis, December, 1917. *Journal of Pharmacology and Therapeutics*, 1918, X, p. 168.

**Brown, Samuel W.**, (Department of School Administration)

Some Experiments in Elementary School Administration. pp. 458-463, *National Education Association, Addresses and Proceedings*, Salt Lake City, 1913.

**Bruce, Charles A.**, (Department of Romance Languages)

Anatole Le Braz: Contes Bretons. Pp. XIII+221. Henry Holt & Co., 1915.

**Burgess, Ernest W.**, (Department of Economics and Sociology)  
The Belleville Social Survey, 1915. Pp. 70. Department of Sociology, The University of Kansas. Burgess, E. W., and Sippy, J. J.

The Social Survey Exhibit. In the *Kansas Municipalities*, September, 1915.

Review: Warne. The Immigrant Invasion.

Review: Luck. Social Welfare in New Zealand. *American Journal of Sociology*, July, 1913.

Review: Quillin. The Color Line in Ohio.

Review: Munro. The Government of American Cities. *American Journal of Sociology*, March, 1914.

**Burrett, Claude A.**, (College of Homoeopathic Medicine)  
(Contributions since 1906)

The Clinical Laboratory Course. *University Homoeopathic Observer*, April, 1906, IV, pp. 68-69.

The Detection of the Bacillus Tuberculosis. *University Homoeopathic Observer*, July, 1906, IV, pp. 209-214.

General Analysis of Copaiba and Euonyms. *University Homoeopathic Observer*, October, 1906, IV, pp. 268-273.

Practical Work in Pathogenic Laboratory. *University Homoeopathic Observer*, January, 1906, IV, pp. 36-41.

Report of the Department of Drug Pathogenecy of the University of Michigan Homoeopathic College. Further Provings of Copaiba Officinalis. *Medical Century*, April, 1907, XV, pp. 100-115.

Value of Laboratory Methods in Diagnosis to the General Practitioner. *Medical Century*, October, 1906, XIV, pp. 295-300.

- Drug Action: Its Relation to the Opsonic Theory. *Medical Century*, May, 1908, XVI, pp. 139-141.
- Opsonins. *Cleveland Medical and Surgical Reporter*, April, 1909, XVII, pp. 155-160.
- A Proving. *Crataegus Oxyacantha*. *University Homoeopathic Observer*, January, 1909, VII, pp. 10-12.
- Vaccines in Practice. *New England Medical Gazette*, January, 1909, XLIV, pp. 7-9.
- From Nosodes to Opsonins. *University Homoeopathic Observer*, July, 1909, VII, pp. 150-154.
- Modern Scientific Provings: Methods and Laboratory Findings. *Medical Century*, June, 1910, XVII, pp. 161-172.
- Bacteriology and the Indicated Remedy. *New England Medical Gazette*, August, 1910, XLV, pp. 337-340.
- Perineal Prostatectomy with Report of Cases. *Medical Century*, May, 1911, XVIII, pp. 129-131.
- A Comparative Study of Vaccines with Cases. *University Homoeopathic Observer*, October, 1911, XI, pp. 100-107.
- Treatment of Varicose Veins. *University Homoeopathic Observer*, April, 1912, XII, pp. 48-50.
- Report of a Case of Tertiary Syphilis. *University Homoeopathic Observer*, October, 1913, XIII, pp. 125-129.
- Observations on College Curriculum. *Journal American Institute Homoeopathy*, April, 1914, pp. 851-857.
- Injuries to the Elbow. *Medical Century*, February, 1915.
- Postoperative Treatment in Pus Cases. *Journal of American Institute Homoeopathy*, April, 1915, pp. 1128-1134.
- Homoeopathic Therapeutics and Surgery. President's Address, Surgical and Gynaecological Society of the American Institute of Homoeopathy. *Journal of American Institute of Homoeopathy*, 1915, VIII, pp. 134-138.
- The Surgical Appendix. *The Pollycrest*, 1915, I, No. 1.
- Homoeopathic Surgery Applied Clinically. *Journal of American Institute of Homoeopathy*, VIII, No. 8, p. 867.
- Homoeopathy of the Future. *Journal of American Institute of Homoeopathy*, IX, No. 5, p. 516.
- Carcinoma of the Breast. *Journal of American Institute of Homoeopathy*, IX, No. 9, p. 1073.
- The Homoeopathic Surgeon and the Gall Bladder. *Journal of American Institute of Homoeopathy*, X, No. 5, p. 566.
- Inguinal Hernia. *New England Medical Gazette*, LI, No. 4, p. 179.



**Caldwell, Francis C.,** (Department of Electrical Engineering)  
(Contributions since 1911)

Electrolytic Disposition of Sewage. *Proceedings, Ohio Electric Light Association*, 1912, p. 151; also as *Bulletin No. 9*, College of Engineering, Ohio State University.

New Application of Electricity. *Proceedings, Ohio Electric Light Association*, 1913, p. 88; also *Electrical Review*, July, 1913, p. 165.

On the Danger to Life Involved in Directing a Stream of Water from a Fire Hose upon a High-Tension Line. *Sibley Journal*, 1913; also *Electric Journal*, August, 1914.

The Quartz Tube Mercury Vapor Lamp. *Journal, Ohio Society of Mechanical, Electrical and Steam Engineering*, 1913, p. 31.

Electrical Engineering Problems. February, 1914. McGraw-Hill Book Co., New York. 105 pp.

Report, Annual Convention of the American Institute of Electrical Engineers. *Engineering News*, July, 1914, p. 46.

Some Common Mistakes in the Use of Light. Ohio Electric Light Association *Monthly*, August and September, 1914, pp. 217 and 236.

The Power Plant and the Ohio Flood. *Sibley Journal*, March, 1915, p. 175.

Review: Electrical Engineering, by Christie. *Engineering News*, February 12, 1914.

**Chandler, Albert R.,** (Department of Philosophy)  
(Contributions since 1908)

Pragmatism as a Theory of Knowledge. Dartmouth College, 1908. 7 pp.

Tragic Effect in Sophocles. *Monist*, January, 1913, pp. 59-89.

**Coker, Francis W.,** (Department of Political Science)

Readings in Political Philosophy. The Macmillan Co., 1914. 573 pp.

Review: H. F. Russell Smith, Harrington and His Oceana. *American Historical Review*, January, 1915.

**Cottrell, Edwin G.,** (Department of Political Science)

Report on the Form of the Annual Budget. Prepared for the Boston (Mass.) Budget Commission, 1915. 35 pp. and charts. Published by the City of Boston, October, 1915.

Efficiency Survey of the Departments of Streets, Forestry and Water of the City of Newton, Mass., 1916. 164 pp.

With illustrations and charts. Published by the City of Newton, October, 1916.

Non-Contributory Old Age Pensions and Health Insurance. A report prepared for the special committee on Social Insurance of the Boston Chamber of Commerce, 1917. 15 pp. Published by the Chamber.

Recent Changes in Town Government. Annual meeting of National Municipal League, 1916. Published in *National Municipal Review*, January, 1917.

The Municipal Service of the University. Read at the annual meeting of the Association of Urban Universities, 1917. Published in the *Proceedings*.

Contributor to *National Municipal Review* and *American Political Science Review*.

Davies, Arthur Ernest, (Department of Philosophy)

A Text-book of Logic. Pp. XI+602. R. G. Adams & Co.

DeLong, Dwight M., (Department of Zoology and Entomology)

The Leafhoppers or Jassoidea of Tennessee. *Bulletin No. 17*, 113 pp. 2 pl., Tennessee State Board of Entomology, Knoxville, Tennessee, June, 1916.

The Cicadellidae (Jassoidea—Family Homoptera) of Wisconsin, with Description of New Species. *Annals of the Entomological Society of America*, X, March, 1907. Columbus, Ohio. Pp. 79-95, 2 pl. (With Prof. J. G. Sanders.)

Derby, Samuel C., (Department of Latin)

A New Tool in Education. *Ohio History Teachers' Journal*, March, 1916.

History with Pick and Spade. *Ohio History Teachers' Journal*, November, 1917.

Drury, Horace B., (Department of Economics and Sociology)

Organized Labor and Scientific Management. *Industrial Engineering*, March, April, May, 1914, XIV, pp. 99-101, 145-149, 191-197.

Organized Labor's Opposition to Scientific Management. *Greater Efficiency*, March, April, 1914, III, No. 6, pp. 61-71; No. 7, pp. 28-43.

Scientific Management: A History and Criticism. *Columbia University Studies in History, Economics and Public Law*, LXV, No. 2, 222 pp. New York, 1915.

Earhart, Robert F., (Department of Physics)

Discharge in a Magnetic Field. *Physical Review*, III, No. 2, p. 103, February, 1914.



- Effect of a Longitudinal Magnetic Field on Spark Potentials. *Physical Review*, III, No. 2, p. 135, August, 1914.
- Arc in a Magnetic Field. *Physical Review*, V, No. 4, p. 341, April, 1915.

**Elwood, Phillip H., Jr.,** (Department of Horticulture)

- Lawns: Their Making and Maintenance. Massachusetts Agricultural College *Bulletin*, IX, No. 2. October, 1913. Reprinted June, 1915.
- Country School Grounds. With F. A. Waugh. Massachusetts Agricultural College and U. S. Department of Agriculture. *Bulletin*, 1914.
- Street and Roadside Planting. Massachusetts Agricultural College, *Bulletin*, IX, No. 9.
- How a College Cooperates in Town and Village Improvements. *American City Magazine*, Town and County Edition, I, No. 1, September, 1914.
- Cottage Gardens in Massachusetts. *Transactions Massachusetts Horticultural Society*, Part 1, 1915.
- Directions for Planting Trees, Shrubs and Flowers about the Home. Massachusetts Agricultural College *Bulletin*, V, No. 8, April, 1915.
- A Model Massachusetts Farmhouse. Plans and Elevations. Published by Massachusetts Agricultural College, 1915.

**Evans, John E.,** (Department of Psychology)

(Contributions since 1912)

- The Physical and Mental Development of the Child. *The Educator-Journal*, XIII, 183, 1912.
- A Reaction Machine. *Journal of Educational Psychology*, IV, 97, 1913.
- Some Suggestions for Efficiency. *The Educator-Journal*, XIII, 383, 1913.

**Evans, M. Blakemore,** (Department of German)

- Ein Charakterbild von Deutschland. pp. 15+237. With Elizabeth Merhaut. D. C. Heath & Co., New York, 1913.
- Sudermann. Introduction to Life and Works. *German Classics of the Nineteenth and Twentieth Centuries*, XVII, pp. 154-167.
- Schiller's Attitude toward German and Roman Type as Indicated in his Letters. *Modern Language Notes*, January, 1915.
- Beginning German. 220 pp. With Heinrich Keidel. R. G. Adams & Co.
- Reminiscences of Max Walter. *Monatshefte für deutsche Sprache und Pädagogik*, October, 1917, pp. 230, 231.

**Evans, William L., (Department of Chemistry)**

A Student Apparatus to Illustrate Diffusion of Gases. With Charles R. Parkinson. *School Science and Mathematics*, XIV, pp. 40, 41, 1914.

Laboratory Exercises in General Chemistry: Transition Point, Suspended Transformation, Law of Successive Reactions. *School Science and Mathematics*, XIV, pp. 402 and 403, 1914.

Review: Notes on Elementary Inorganic Chemistry, by F. H. Jeffery, Cambridge University Press. G. P. Putnam's Sons, New York. *Journal of the American Chemical Society*, January, 1915, XXXVII, p. 235.

**Flowers, Alan E., (Department of Electrical Engineering)**

Characteristics of Crystal Rectification. *Physical Review, Second Series*, III, January, 1914, p. 25.

Viscosity Measurement and a New Viscosimeter. *Proceedings of the American Society for Testing Materials*, XIV, Part 2, p. 565, 1914.

A Cylinder Friction and Lubrication Testing Apparatus. *Proceedings of the American Society for Testing Materials*, XV, Part 2, 1915.

**Forman, Jonathan, (Department of Pathology)**

Tumors in Dogs, I. Carcinomae of the Thyroid Gland. With Carlos I. Reed. *Ohio Journal of Science*, XVII, No. 6.

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